

VC080

4K HDMI EDID Emulator with Programmer



The ATEN VC080 is a HDMI EDID Emulator, which is designed to emulate and store the EDID of a video display, providing constant and reliable EDID data for the a HDMI source device to efficiently optimize video resolution.

The ATEN HDMI EDID Emulator is a convenient tool that ensures smooth viewing experience for any video installation. The EDID Emulator provides three flexible methods for selecting and switching between EDID Modes: Default Mode, Programming Mode, and Learning Mode. It comes with an easy-to-use EDID Wizard that allows users to quickly view, store and manage EDID settings.



Features

- Superior video quality – HDTV resolutions of 480i, 480p, 720i, 720p, 1080i, 1080p (1920 x 1080); VGA, SVGA, XGA, SXGA, UXGA and WUXGA (1920 x 1200)
- [EDID Wizard](#) – allows a user an easy way to manage EDID settings
- Consumer Electronics Control (CEC) allows interconnected HDMI devices to communicate and respond to one remote control
- [EDID mode selection](#) – Default, Learning , Programming
- HDMI (3D, Deep Color), HDCP compatible
- Supports Dolby True HD and DTS HD Master Audio
- Automatically manages EDID communication between connected devices
- Signaling rates up to 2.25 Gbits in support of 1080p display
- LED indication of video source devices
- Supports wide screen
- Supports hot-plugging
- Non-Powered *

* If the video source is not receiving enough power an external power cord should be connected.

Specification

| | |
|------------------------|---|
| Max. Video Resolution | 4096*2160@30Hz (4:4:4) 3840*2160@30Hz (4:4:4) |
| Data Rate | 10.2 Gbps |
| Video Input | |
| Interfaces | 1 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |
| Video Output | |
| Interfaces | 1 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |
| Video | |
| Compliance | HDMI 1.4 (3D, Deep Color) HDCP Compatible Consumer Electronic Control (CEC) |
| Audio | |
| Output | 1 x HDMI Type A Female (Black) |
| EDID Settings | EDID Mode: Default / Learn / Customized (EDID Wizard support) |
| Connectors | |
| Power | 1 x DC Jack |
| Power Consumption | DC5V:0.17W:1BTU |
| Environmental | |
| Operating Temperature | 0 - 50 $^{\circ}\text{C}$ |
| Storage Temperature | -20 - 60 $^{\circ}\text{C}$ |
| Humidity | 0 - 80% RH, Non-Condensing |
| Physical Properties | |
| Housing | Metal |
| Weight | 0.15 kg (0.33 lb) |
| Dimensions (L x W x H) | 7.90 x 7.76 x 2.45 cm (3.11 x 3.06 x 0.96 in.) |
| Carton Lot | 5 pcs |
| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |

Diagram***ATEN International Co., Ltd.***

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